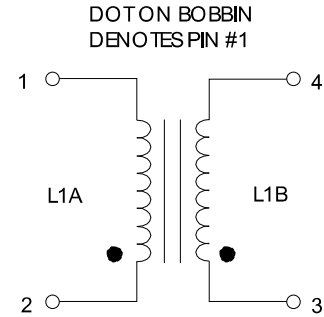


**TABLE 1: ELECTRICAL SPECIFICATIONS AT 25 °C**

- 1) COMMON MODE EMI/RFI FILTER.
- 2) PART IS REVERSIBLE. IT CAN BE INSERTED INTO PCB EITHER WAY.

PARAMETER	SPEC LIMITS			UNITS
	MIN.	TYP.	MAX.	
URNS RATIO:	-----	1 : 1	-----	± 1%
AC LINE VOLTAGE 50/60Hz	-----	250	-----	Vac
CONTINUOUS RMS CURRENT <sup>(A)</sup>	-----	-----	1.5	Amp
DCR (Each Winding)	-----	.195	.250	Ohm
INDUCTANCE (Each Winding) VOLTAGE = 0.250Vrms FREQUENCY = 1.0 KHZ	16.0	-----	-----	mHy
LEAKAGE INDUCTANCE <sup>(B)</sup> VOLTAGE = 0.250Vrms FREQUENCY = 1.0 KHZ	35	80	-----	μHy
TEMP RISE AT RATED CURRENT <sup>(A)</sup>	-----	45	50	°C
HI-POT: 60Hz BETWEEN WINDINGS	3750	-----	-----	Vrms

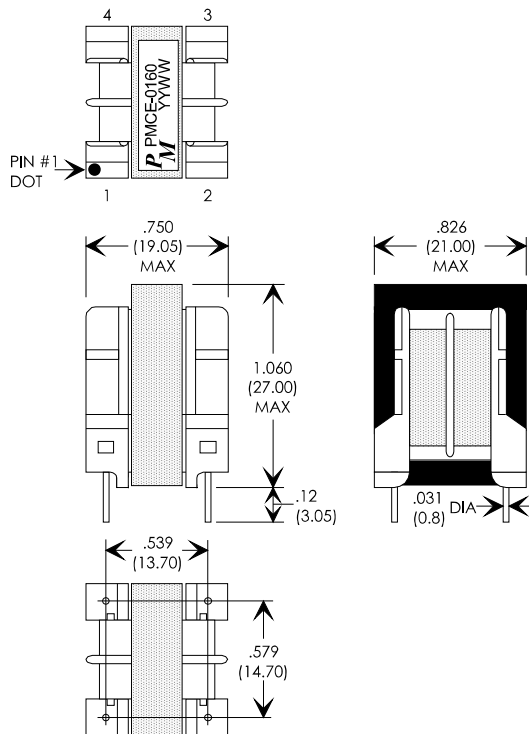
**FIGURE 1: SCHEMATIC DIAGRAM**



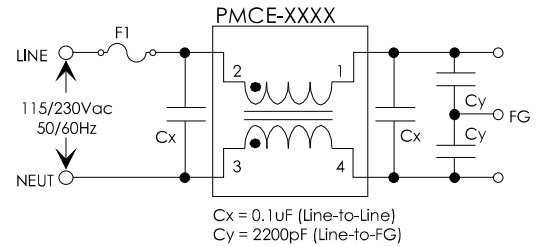
**NOTE1:**  
**INSULATION SYSTEM:**  
 A) ALL MATERIALS MEET "UL", "CSA" & "IEC" REQUIREMENTS  
 B) VARNISH FINISHED ASSEMBLY.  
 C) UL CLASS (B) 130 INSULATION SYSTEM PM130-N1, PM130-P1, TABLE II (UL FILE #E177139) OR ANY UL AUTHORIZED CLASS (B) INSULATION SYSTEM.

- Notes:
- (A) Temperature Rise is specified at maximum continuous current. Lower currents will result in reduced temperature rise. Design point is ≤ 50°C rise at rated current.
  - (B) Leakage Inductance is maximized to help reduce differential mode noise.

**FIGURE 2: PHYSICAL DIMENSIONS IN INCHES. (mm)**



**FIGURE 3: TYPICAL APPLICATION CIRCUIT**



**RoHS**



UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS ARE IN INCHES  
 DIMENSIONAL TOLERANCES ARE:  
 DECIMALS ANGLES  
 .XX ± .04 ± 0° 30'  
 .XXX ± .020  
 DO NOT SCALE DRAWING

**COMMON MODE INDUCTOR CONTROL DRAWING**

PREMIER P/N: PMCE-0160	REVISION: 09/08/17
DRAWN BY: TOM O'NEIL	REF:
SCALE: NONE	SHEET: 1 OF 1